

# Specifications

Model			SHR-5160	SHR-5162
Video	Input	Composite	16 Channels, 1Vp-p, 75 Ohm	
	Output	Composite	3 Channels (Normal 1 Channel, Spot 2 Channels)	
		S-Video	1 Channel	
		VGA	1 Channel	
		Loop Through	16 Channels	
Audio	Input / Output		Mono 4 Channels, RCA / 1 Channel, RCA	
Recording	Compression Method	Video/Audio	MPEG4/ADPCM	
	Video Compression Rate (Kbyte/Image)	Level 8	NTSC : 8.8(Half D1), 5.1(CIF) / PAL : 10.5(Half D1), 6.1(CIF)	
		Level 7	NTSC : 7.8(Half D1), 4.5(CIF) / PAL : 9.4(Half D1), 5.5(CIF)	
		Level 6	NTSC : 6.8(Half D1), 4.0(CIF) / PAL : 8.3(Half D1), 4.8(CIF)	
		Level 5	NTSC : 6.0(Half D1), 3.4(CIF) / PAL : 7.1(Half D1), 4.2(CIF)	
		Level 4	NTSC : 5.0(Half D1), 2.9(CIF) / PAL : 6.0(Half D1), 3.4(CIF)	
		Level 3	NTSC : 4.0(Half D1), 2.3(CIF) / PAL : 4.9(Half D1), 2.8(CIF)	
		Level 2	NTSC : 3.1(Half D1), 1.8(CIF) / PAL : 3.7(Half D1), 2.0(CIF)	
	Level 1	NTSC : 2.2(Half D1), 1.2(CIF) / PAL : 2.6(Half D1), 1.5(CIF)		
	Resolution		CIF, Half D1	
	Max. Recording Speed (NTSC/PAL)		CIF:120/100ips, Half D1:60/50ips	
	Recording Mode		Events (Alarm, Motion Detection, Video Loss)	
Live Screen	Resolution		D1	
	Display Speed (NTSC/PAL)		480ips/400ips	
	Display Mode		Single, 4, 6 ,7 , 9, PIP, Sequence, Freeze, 2X Zoom	
Network Transmission	Compression Method Video/Audio		MPEG4 / ADPCM	
	Video	Very High	NTSC : 9.8K(Half D1), 4.9K(CIF) / PAL : 11.7K(Half D1), 5.9K(CIF)	
	Compression Rate (Kbyte/Image)	High	NTSC : 7.3K(Half D1), 3.7K(CIF) / PAL : 8.8K(Half D1), 4.4K(CIF)	
		Standard	NTSC : 4.9K(Half D1), 2.4K(CIF) / PAL : 5.9K(Half D1), 2.9K(CIF)	
		Low	NTSC : 2.4K(Half D1), 1.2K(CIF) / PAL : 2.9K(Half D1), 1.5K(CIF)	
	Resolution		CIF, Half D1	
Search and Play	Search Mode		Calendar Search, Event Search (Alarm, Motion Detection,Video Loss), First/ Latest/ Backup Search	
	Display Mode		Single, 4, 9, 16, PIP (1 Channel for Play, 1 Channel for Live), Triplex 9 (1 Channel for Play, 8 Channels for Live),Triplex 16 (1 Channel for Play, 15 Channels for Live)	
	Play Mode		Play, Pause, Stop, 2X Digital Zoom, Fast Forward/Fast Reverse(2X, 4X, 8X, 16X, 32X, 64X)	
Event	Alarm Function/Alarm Input/Alarm Output		Remote Callback / 16 Channels / 4Channels	
	Alarm Output Continuation Time		Off, 3, 5, 10, 20, 30	
	Motion Detection		Area Setup	
	Pre Event Set Time		Off, 5,10,20,30 sec	
	Post Event Set Time		Off, 5,10,20,30 sec, 1, 3, 5, 10, 20 Min	
Water Mark		Yes		
HDD	Default		250G	
	Expansion Capability(Total)		250G x 4	250G x 3
CD-RW / DVD-RW		-		DVD-RW
Backup	Interface		USB 2.0 2 Ports (1 at the front , 1 at the rear)	
	Media		CD-RW, External HDD, USB Memory	DVD-RW, External HDD, USB Memory
	File Format		AVI	
External Port	RS-485		PTZ Control, System Keyboard	
USB Mouse / Remote Controller / Network			- / Yes / Static IP, DHCP, ADSL (PPPoE)	
Operating Temp. / Operating Humidity			0°C ~ 40°C / 20% ~ 80% RH	
Power Requirement / Power Consumption			AC 100~230V, 50/60Hz / 60W	
Weight / Outline Dimension			7.3Kg / 430(W) x 88(H) x 400(D)mm	